





**PRODUCTION OF 2-CHLORO-5-CHLOROMETHYLTHIAZOLE**

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**Report a data error he****Abstract of JP2000247963**

**PROBLEM TO BE SOLVED:** To produce the subject compound useful as an intermediate, etc., for producing insecticides in high purity and high yield by reacting a 2- halogenoallyl isothiocyanate with a chlorinating agent in the presence of a dipolar nonprotonic diluent. **SOLUTION:** The objective compound expressed by formula II is produced by reacting a 2-halogenoallyl isothiocyanate expressed by formula I (Hal is chlorine or bromine) with a chlorinating agent (element chlorine and a compound capable of releasing chlorine under the reaction condition, e.g. sulfuryl chloride or phosgene or the like) in the presence of a dipolar aprotic diluent (e.g. acetonitrile, dimethylformamide, dimethyl sulfoxide, etc.). The chlorinating agent is used preferably in 0.8-2 equivalent, more preferably in 1.0-1.5 equivalent to the compound of formula I. The solvent is used preferably in a ratio of 1-20, more preferably 2-4 to 1 of the compound expressed by formula I. The reaction is carried out generally at -70 to 25 deg.C, preferably -1 to 20 deg.C, especially 10 to 15 deg.C, preferably under the atmospheric pressure.

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